CLAIMS

1. Shaft-hub connection (1) between a shaft segment (2), which has one central toothed segment B, the same as adjacent centering segments A, C, and a stepped hole (11) in the hub (3), shaft (2) and hub (3) being jointed in axial direction X and, to produce a positive fit (5), a counter profile is cut in the hub (3) by the toothed segment B, wherein the front centering segment A in joint direction has a diameter d1 and the toothed segment B, the same as the rear centering segment C lying in joint direction, has a diameter d2 larger than d1, characterized in that the hole (11) has only two adjacent segments I, II with different diameters D1 and D2, that the diameter d1 in the segment A with the diameter D1, the same as the diameter d2 in the segment C with the diameter D2, forms a respective joint fit and the diameter d2 in the segment B with the diameter D1 forms the positive fit (5).

2. Shaft-hub connection according to claim 1, characterized in that between the segments A and B one other segment D is located which has a diameter d3 smaller than the diameter d1.

3. Shaft-hub connection according to claim 2, characterized in that the toothed segment B has one knurled toothing (5) with a root diameter dF and that d3 is $\leq$ dF.

4. Shaft-hub connection according to claim 1 or 2, characterized in that the centering segment C changes over to shaft collar (10) which abuts on a front face (12) of the hub (3).